

To: Hoppe, Michael[Hoppe.Michael@epa.gov]
From: Stan Kaczmarek
Sent: Thur 10/3/2013 5:49:19 PM
Subject: Fwd: FW: hard pan area locations
[SampleAreas UpRiver 20131002.csv](#)
[Dredging Sample Locations UpRiver 20131002.pdf](#)

Sampling locations from what we believe will remain hard pan areas are attached.

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>>> On 10/2/2013 at 12:52 PM, in message <4c66fb46-b9f3-4b34-a15b-3f584d4848f9@ELK.amr.ch2m.com>, <Gary.Foster@CH2M.com> wrote:

From: Brinkman, James/BOS
Sent: Wednesday, October 02, 2013 12:51 PM
To: Foster, Gary/ATL
Subject: Fwd: hard pan area locations

Here are the coordinates for the hard pan areas of Cuts 9/9T

Sent from my Verizon Wireless 4GLTE smartphone

----- Forwarded message -----

From: "Dennis Liebersbach" <Dennis.Liebersbach@critigen.com>
To: "Brinkman, James/BOS" <James.Brinkman@CH2M.com>
Subject: hard pan area locations
Date: Wed, Oct 2, 2013 12:45 pm

Here is the 1st figure Jim. Computer is choking,
they are running something in the background.
grrr

Dennis Liebersbach

Mapping Editor

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From: James.Brinkman@CH2M.com [<mailto:James.Brinkman@CH2M.com>]
Sent: Wednesday, October 02, 2013 8:04 AM
To: Dennis Liebersbach
Subject: FW: hard pan area locations

Dennis:

Similar to what you provided to Jen previously could you provide the coordinates for each of the BLACK polygons identified on the attached drawing? If at all possible we would like to get these before 1 pm so we can sample prior to high tide.

Thanks,

Jim

From: Foster, Gary/ATL
Sent: Wednesday, October 02, 2013 10:51 AM
To: Brinkman, James/BOS
Subject: FW: hard pan area locations

Can you work with Dennis to get coordinates?

From: Wilkie, Jennifer/CHC
Sent: Wednesday, October 02, 2013 10:42 AM
To: Foster, Gary/ATL
Cc: Brinkman, James/BOS; Salsburg, Taylor/NJO; Hicks, George/CHC
Subject: RE: hard pan area locations

We provided the map with our hand markings to Dennis Liebersbach (Critigen) and he

provided the coordinates (sample locations and points along the boundary) for us to upload into our GPS unit.

From: Foster, Gary/ATL
Sent: Wednesday, October 02, 2013 9:29 AM
To: Wilkie, Jennifer/CHC
Cc: Brinkman, James/BOS; Salsburg, Taylor/NJO; Hicks, George/CHC
Subject: hard pan area locations

Jen – how did you locate the areas that you poled and sampled in areas 4T and 6T? we need to locate the additional hard pack areas in 8T, 9, and 9T